

| Project Title | Funding | Strategic Plan Objective | Institution |
|--|-----------|--------------------------|---------------------------------------|
| A Multimedia Screening System for Early ASD Identification in Diverse Populations | \$249,750 | Q1.S.B | Yale University |
| Biomarkers for autism and for gastrointestinal and sleep problems in autism | \$0 | Q1.L.A | Yale University |
| Infant Social Development: From Brain to Behavior | \$58,694 | Q1.L.A | Yale University |
| Undergraduate Research Award | \$3,000 | Q1.L.A | Yale University |
| COMPONENTS OF EMOTIONAL PROCESSING IN TODDLERS WITH ASD | \$674,796 | Q1.L.A | Yale University |
| Extraction of Functional Subnetworks in Autism Using Multimodal MRI | \$359,174 | Q1.L.B | Yale University |
| 5/5-The Autism Biomarkers Consortium for Clinical Trials | \$757,490 | Q1.L.B | Yale University |
| Novel Methods to Understand Brain Connectivity in Autism | \$0 | Q1.L.B | Yale University |
| GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI | \$0 | Q1.L.B | Yale University |
| Subtyping of toddlers with ASD based on patterns of social attention deficits | \$0 | Q1.L.B | Yale University |
| Tracking Intervention Effects with Eye Tracking | \$124,982 | Q1.L.C | Yale University |
| Undergraduate Research Award | \$0 | Q1.L.C | Yale University |
| Biomarkers of Emotion Regulation, Social Response & Social Attention in ASD | \$124,827 | Q1.L.C | Women & Infants Hospital |
| Test of integrated language and literacy skills validation research | \$0 | Q1.Other | Western Michigan University |
| IMPLICIT LEARNING ABILITIES PREDICT TREATMENT RESPONSE IN AUTISM SPECTRUM DISORDERS | \$0 | Q1.L.B | Weill Cornell Medical College |
| Developing Scalable Measures of Behavior Change for ASD Treatments - Core | \$110,037 | Q1.L.C | Weill Cornell Medical College |
| Advancing a Standardized Research Protocol to Study Treatment Effects in Individuals with Autism Spectrum Disorder | \$151,092 | Q1.L.C | Weill Cornell Medical College |
| fcMRI in Infants at High Risk for Autism | \$439,808 | Q1.L.A | Washington University in St. Louis |
| Early Quantitative Characterization of Reciprocal Social Behavior | \$535,568 | Q1.L.C | Washington University in St. Louis |
| Data Mining for Autism Endophenotypes in a Large Resting-State fMRI Repository | \$76,856 | Q1.L.B | VIRGINIA POLYTECHNIC INST AND ST UNIV |
| A Sociology of Testing, Diagnosis and Autism Spectrum Disorder | \$0 | Q1.S.C | University of Wisconsin |
| A Screen-Refer-Treat (SRT) Model to Promote Earlier Access to ASD Intervention | \$846,853 | Q1.S.B | University of Washington |
| Molecular Mechanisms of Atypical Habituation in Autism Spectrum Disorders | \$488,472 | Q1.L.A | University of Washington |
| Evaluating pupil size as a diagnostic tool in autism | \$10,039 | Q1.L.A | University of Washington |

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| 4/5-The Autism Biomarkers Consortium for Clinical Trials | \$701,337 | Q1.L.B | University of Washington |
| Serum antibody biomarkers for ASD | \$0 | Q1.L.A | University of Texas Southwestern Medical Center |
| Identification of candidate serum antibody biomarkers for ASD | \$0 | Q1.L.B | University of Texas Southwestern Medical Center |
| GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI | \$0 | Q1.L.B | University of Texas San Antonio |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0 | Q1.L.B | University of Southern California |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 3 | \$70,914 | Q1.L.C | University of Southern California |
| South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence | \$0 | Q1.Other | UNIVERSITY OF SOUTH CAROLINA |
| Early parent-infant coordination and later language in infants at risk for ASD | \$43,120 | Q1.L.A | University of Pittsburgh |
| Change-sensitive Measurement of Emotion Dysregulation in ASD | \$491,098 | Q1.Other | University of Pittsburgh |
| Developing Automated Algorithms to Assess Linguistic Variation in Individuals with Autism | \$0 | Q1.L.C | University of Pennsylvania |
| Integrating New Technologies to Assess Visual and Attentional Influences on Movement and Imitative Behavior in Autism | \$52,020 | Q1.Other | University of North Texas |
| Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD) | \$0 | Q1.S.B | University of North Carolina |
| Restricted Repetitive Behavior in Autism | \$398,185 | Q1.L.B | University of North Carolina |
| Behavioral Inflexibility in IDD Outcome Measurement | \$651,540 | Q1.L.C | University of North Carolina |
| Development of postural control variability and preferential looking behavior in | \$194,733 | Q1.L.A | University of Nebraska |
| UNS: Developing Pupillary Light Reflex Technologies for Early Screening of Neurodevelopmental Disorders in Infants | \$300,026 | Q1.L.A | University of Missouri |
| The Autism Impact Measure: A New Tool for Treatment Outcome Measurement | \$1,247,415 | Q1.L.B | University of Missouri |
| Addressing systemic health disparities in early ASD identification and treatment | \$777,470 | Q1.S.C | University of Massachusetts, Boston |
| The early development of attentional mechanisms in ASD | \$178,903 | Q1.L.B | University of Massachusetts, Boston |
| Addressing Health Disparities in ASD Diagnosis, Services, and School Engagement | \$300,000 | Q1.S.C | University of Massachusetts |
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| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0 | Q1.L.B | University of Illinois |
| An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders | \$0 | Q1.L.A | University of Colorado, Denver |
| Computational Measurement of Social Communication Dynamics in Adolescents with Autism Spectrum Disorder | \$35,580 | Q1.L.C | UNIVERSITY OF CINCINNATI |
| Undergraduate Research Award | \$3,000 | Q1.L.B | University of California, Santa Barbara |
| Development of a blood-based biomarker for autism | \$124,993 | Q1.L.A | University of California, San Francisco |
| Early Identification of ASD: Translating Eye Tracking into Practice | \$373,818 | Q1.S.B | University of California, San Diego |
| DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL | \$1,107,043 | Q1.S.D | University of California, San Diego |
| GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI | \$0 | Q1.L.B | University of California, San Diego |
| Neural assays and longitudinal assessment of infants at very high risk for ASD | \$185,656 | Q1.L.A | University of California, Los Angeles |
| Predicting the Decline of Social Attention in Infants at Risk for Autism | \$176,818 | Q1.L.A | University of California, Los Angeles |
| 3/5-The Autism Biomarkers Consortium for Clinical Trials | \$709,293 | Q1.L.B | University of California, Los Angeles |
| Neural Predictors of Language Function After Intervention in Children with Autism | \$181,319 | Q1.L.B | University of California, Los Angeles |
| EEG biomarkers of language and literacy abilities in minimally verbal children with ASD | \$54,400 | Q1.L.B | University of California, Los Angeles |
| Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy | \$465,547 | Q1.S.B | University of California, Davis |
| Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy | \$150,000 | Q1.S.B | University of California, Davis |
| Neurobehavioral Analysis Core | \$126,038 | Q1.S.B | University of California, Davis |
| Epigenetic biomarkers of autism in human placenta | \$0 | Q1.L.A | University of California, Davis |
| Leadership Education in Neurodevelopmental Disabilities | \$2,500 | Q1.S.B | University of Alabama at Birmingham |
| Comparative Effectiveness of Developmental-Behavioral Screening Instruments | \$627,740 | Q1.S.B | Tufts University |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0 | Q1.L.B | Trustees of Boston University |
| Developing Expressive Language Outcome Measures for ASD Clinical Trials | \$124,199 | Q1.L.C | Trustees of Boston University |
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| Improving Accuracy and Accessibility of Early Autism Screening | \$796,060 | Q1.S.B | TOTAL CHILD HEALTH, INC. |
| A Web-Based Tool to Assess Social Cognition in ASD-Core | \$32,696 | Q1.L.C | The Research Foundation of the State University of New York at Stony Brook |
| Expressive Language Sampling as an Outcome Measure in ASD | \$124,985 | Q1.L.C | The Regents of the University of California (Davis) |
| Brain Imaging and Cell Signaling: Insights into the Biology of Autism | \$124,999 | Q1.L.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| (SDAS) Family Adversity and Health Disparities for Young Children with Autism | \$100,000 | Q1.S.C | Temple University |
| A Metabolism-Based Test to Diagnose Autism Spectrum Disorder and its Subtypes in Early Childhood | \$892,872 | Q1.L.B | STEMINA BIOMARKER DISCOVERY, INC. |
| A functional near-infrared spectroscopy study of first signs of autism | \$61,232 | Q1.L.A | Stanford University |
| Eyeblink conditioning in school-aged children with ASD | \$497,699 | Q1.L.A | SEATTLE CHILDREN'S HOSPITAL |
| A Web-Based Tool to Assess Social Cognition in ASD-Proejct 1 | \$27,262 | Q1.L.C | Rush University |
| INFANT SCREENING OF EARLY COMMUNICATION RISK: THE CISS; PHASE II | \$280,968 | Q1.S.B | PAUL H. BROOKES PUBLISHING COMPANY, INC. |
| Reducing Barriers to Autism Care in Latino Children | \$179,521 | Q1.S.C | OREGON HEALTH & SCIENCE UNIVERSITY |
| Risk Evaluation for Autism in Latinos– Screening tools and Referral Training (REAL-START) | \$34,855 | Q1.Other | OREGON HEALTH & SCIENCE UNIVERSITY |
| (SDAS) Racial and Ethnic Disparities in Autism Diagnosis and Educational Therapy Utilization: Quantifying the Contribution of Modifiable Mediators | \$99,830 | Q1.S.C | Northern Illinois University |
| Divergent biases for conspecifics as early markers for Autism Spectrum Disorders | \$242,662 | Q1.L.A | New York University |
| Reliability of sensory-evoked activity in autism | \$0 | Q1.L.B | New York University |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 2 | \$18,321 | Q1.L.C | New York University |
| Characterizing underserved populations participating in the ATN: evaluating disparity through demographic influences | \$15,400 | Q1.S.C | Nationwide Children's Hospital |
| Clinical and Behavioral Phenotyping of Autism and Related Disorders | \$1,939,310 | Q1.L.B | National Institutes of Health |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 4 | \$19,746 | Q1.L.C | Montefiore Medical Center |
| Interacting with dynamic objects in Autism Spectrum Disorders | \$28,346 | Q1.L.B | MGH Institute of Health Professions |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0 | Q1.L.B | Massachusetts Institute of Technology |

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| Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism | \$96,533 | Q1.L.B | Massachusetts General Hospital |
| Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials | \$0 | Q1.L.B | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 1 | \$19,952 | Q1.L.C | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI |
| Autism: Social and Communication Predictors in Siblings | \$653,284 | Q1.L.A | HUGO W. MOSER RES INST KENNEDY KRIEGER |
| Hansen Research Services LLC | \$130,916 | Q1.S.B | Hansen Research Services LLC |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$22,000 | Q1.L.B | Georgia Tech Research Corporation |
| Objective measures of social interactions via wearable cameras | \$125,000 | Q1.L.C | Georgia Tech Research Corporation |
| Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F) | \$0 | Q1.S.B | Georgia State University |
| Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD) | \$0 | Q1.L.A | Georgia State University |
| The Development of Auditory Joint Engagement | \$299,422 | Q1.L.C | GEORGIA STATE UNIVERSITY |
| GENE DOSAGE IMBALANCE IN NEURODEVELOPMENTAL DISORDERS | \$689,203 | Q1.S.E | GEISINGER CLINIC |
| Pupillometry: A biomarker of the locus coeruleus and hyperfocused attention | \$60,000 | Q1.L.B | Geisinger Clinic |
| Consortium on Biomarker and Outcome Measures of Social Impairment for Use in Clinical Trials in Autism Spectrum Disorder | \$0 | Q1.L.A | Foundation for the National Institutes of Health |
| Smart Early Screening for Autism and Communication Disorders in Primary Care | \$489,303 | Q1.S.B | Florida State University |
| Mobilizing Community Systems to Engage Families in Early ASD Detection & Services | \$2,519,829 | Q1.S.C | Florida State University |
| Change in social adaptive action and brain connectivity in infants' first 6 months | \$196,499 | Q1.L.A | Emory University |
| The ontogeny of social vocal engagement and its derailment in autism | \$152,052 | Q1.L.A | Emory University |
| Identifying Biomarkers for Early Detection of Prosody Disorders in ASD using Electroglottography | \$0 | Q1.L.A | Emory University |
| Visual Fixation on the Mouth: A Potential Index of Language Acquisition and Delay | \$29,500 | Q1.L.A | Emory University |
| Toward Outcome Measurement of Anxiety in Youth with Autism Spectrum Disorders | \$605,198 | Q1.L.B | Emory University |
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| CMA Genetic Testing: An Intervention for Parents of Children with Autism | \$60,000 | Q1.S.D | East Carolina University |
| 1/5-The Autism Biomarkers Consortium for Clinical Trials | \$741,668 | Q1.L.B | Duke University |
| Early Detection of Autism Spectrum Disorder | \$595,065 | Q1.S.B | DREXEL UNIVERSITY |
| The Autism Spectrum Addendum (ASA) for the Anxiety Disorders Interview Schedule | \$0 | Q1.S.B | Drexel University |
| Investigating the auditory attentional networks in Autism Spectrum Disorder | \$0 | Q1.L.B | CUNY - Queens College |
| CAREER: Enabling community-scale modeling of human behavior and its application to healthcare | \$0 | Q1.Other | Cornell University |
| Family patterns in diagnosis of children with autism spectrum disorders (ASD) | \$10,000 | Q1.S.C | Columbia University |
| Developing a Sensitive, Cost Effective Measure of Behavior Change in Children with ASD | \$30,000 | Q1.L.C | Columbia University |
| Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder | \$0 | Q1.L.A | City of New York, College of Staten Island |
| Extracellular signal-related kinase biomarker development in autism | \$0 | Q1.L.B | Cincinnati Children's Hospital |
| Characterizing autism-related intellectual impairment and its genetic mechanisms | \$0 | Q1.S.B | Children's Hospital of Philadelphia |
| MEG/MRS Dose Response Study of STX209 in ASD | \$59,903 | Q1.L.A | Children's Hospital of Philadelphia |
| Development of infant brain MEG responses to social stimuli: comparison to ASD | \$176,278 | Q1.L.A | Children's Hospital of Philadelphia |
| Early Biomarkers of Autism Spectrum Disorders in infants with Tuberous Sclerosis | \$1,360,955 | Q1.L.A | CHILDREN'S HOSPITAL CORPORATION |
| 2/5-The Autism Biomarkers Consortium for Clinical Trials | \$804,222 | Q1.L.B | CHILDREN'S HOSPITAL CORPORATION |
| Biomarkers in Autism: Bridging Basic Research with Clinical Research | \$13,947 | Q1.L.A | Children's Hospital Boston |
| Quantification of Learning Algorithm Performance to Inputs of Variable Complexity: Implications for Emotional Intelligence in Autism Spectrum Disorder | \$15,791 | Q1.L.B | Children's Hospital Boston |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$0 | Q1.L.B | Carnegie Mellon University |
| Accelerating the diagnosis of autism spectrum disorder in rural Idaho via evidence-based Smartphone technology | \$200,000 | Q1.S.C | CARING TECHNOLOGIES, INC. |
| Accelerating the diagnosis of autism spectrum disorder in rural Idaho via evidence-based Smartphone technology | \$30,730 | Q1.S.C | CARING TECHNOLOGIES, INC. |
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| Action Recognition System for Behavioral Assessment Training, Data-sharing, and Early Markers Detection for Autism Spectrum Disorders | \$360,563 | Q1.S.B | BSOLUTIONS, INC. |
| Early identification and service linkage for urban children with autism | \$976,670 | Q1.S.C | Boston University |
| Markers of Early Speech Development in Children at Risk for Autism | \$0 | Q1.L.B | Boston University |
| Reducing disparities in Rimely Autism Diagnosis through Family Navigation | \$0 | Q1.S.C | Boston Medical Center |
| Evaluating Plasma and Urine Porphyrins as Biomarkers of ASD | \$164,726 | Q1.L.A | BATTELLE CENTERS/PUB HLTH RES & EVALUATN |
| Baby Siblings Research Consortium | \$13,730 | Q1.S.B | Autism Speaks (AS) |
| Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism | \$0 | Q1.L.A | Autism Consortium |
| FUNDAMENTAL VISUAL REPRESENTATIONS AND SOCIAL COGNITION IN ASD | \$0 | Q1.L.B | ALBERT EINSTEIN COLLEGE OF MEDICINE |

